



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OCT 17 2008

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Amy Bamber  
Program Manager  
Montana Department of Agriculture  
P.O. Box 200201  
Helena, MT 59620-0201

Subject: Special Local Need Registration (Control of lygus bugs, weevils, aphids  
and spider mites on seed alfalfa)  
Brigade 2EC Insecticide/Miticide  
EPA Registration No. 279-3313  
EPA SLN No. MT070004  
Your Submission Dated August 14, 2007

Dear Ms. Bamber:

This will acknowledge receipt of your notification dated August 14, 2007 to this Agency of amended registration, pursuant to section 24(c) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as follows:

Product:	Brigade 2EC Insecticide/Miticide
EPA Registration No.:	279-3313
EPA SLN No.:	MT070004
24(c) Registrant:	FMC Corporation 10100 N Ambassador Dr., Suite 305 Kansas City, MO 64153

If you have any questions, please call BeWanda Alexander of my team at (703) 305-7460.

Sincerely,

*BeWanda Alexander for*

George T. LaRocca

Product Manager 13

Insecticide Branch

Registration Division (7505C)

## RESTRICTED USE PESTICIDE

Toxic to fish and aquatic organisms.

For retail sale to and use only by certified applicators or persons under their direct supervision, and only for those uses covered by the certified applicator's certificate

EPA SLN NO. MT-07-0004

EPA REG. No. 279-3313



FOR DISTRIBUTION AND  
USE ONLY WITHIN THE  
STATE OF MONTANA

**Brigade**<sup>®</sup> 2EC  
Insecticide/Miticide

EMERGENCY CALLS: 800-331-3148

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN  
A MANNER INCONSISTENT WITH ITS LABELING

Crop	Pest	Rate of Application
Seed Alfalfa	Lygus Bugs Weevils Aphids Spider Mites	3.9 TO 6.4 ounces per acre

### DIRECTIONS FOR USE:

To control Lygus Bugs, Weevils, Aphids and Spider Mites, apply Brigade 2EC at the rate of 3.9 to 6.4 ounces (0.06 to 0.1 lb. active) per acre. Apply in a minimum of 5 gallons of water per acre by air equipment or a minimum of 20 gallons of water per acre by ground equipment. When applying by air, 1 quart of emulsified oil may be substituted for 1 quart of water in the finished spray.

### RESTRICTIONS:

Do not use more than 19.2 ounces (0.3 lb. active) per season.

Rotational crops may be planted no sooner than 30 days after last application.

Do not apply Brigade 2EC or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Do not apply Brigade 2EC when weather conditions would favor drift or run-off from a proposed treatment site into fish bearing waters.

Do not apply Brigade 2EC within 200 feet of fish-bearing waters using ground equipment or within 0.25 mile using aircraft.

Do not apply Brigade 2EC within 0.25 mile of Lake Bowdoin in Phillips County.

Do not make ground or aerial application during temperature inversions. Make aerial or ground applications when the wind velocity favors on target disposition (approximately 3-10 mph). Do not apply when wind velocity exceeds 15 mph. Brigade 2EC should be mixed and loaded using systems that comply with accepted standards that identify a closed mixing system.

Do not graze or cut current year's treated Alfalfa Seed crop for hay or forage.

Treated alfalfa seed is not to be used for sprouting.

All Alfalfa Seed treated with Brigade 2EC is to be tagged at the conditioning plant, "Not for human or animal consumption".

It shall be the grower's responsibility to notify the conditioning plant of any Alfalfa Seed crop treated with Brigade 2EC.

Screenings and seed from seed conditioning are prohibited from feed channels.

All Brigade 2EC treated Alfalfa Seed screenings must be removed from the feed market.

Refer to the EPA registered label for information on chemigation.

ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA REGISTERED LABEL ARE TO BE FOLLOWED. PERSONAL PROTECTIVE EQUIPMENT AND RESTRICTED ENTRY INTERVALS ON THIS 24C OR ON THE BASIC LABEL MUST BE FOLLOWED. THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF PESTICIDE APPLICATION.

**FMC**

24(c) Registrant:  
FMC Corporation  
Agriculture Products Group  
1735 Market Street  
Philadelphia, PA 19103

Brigade2EC\_24c\_MT\_alfalfa\_08-07-2007

Brigade and **FMC** FMC Trademarks  
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## 24(C) CHECKLIST

STATE: MONTANASLN NO. MT 070004DATE REGISTERED: 08/14/200790-DAY DATE: 11/14/2007

SPECIFIC SPECIAL LOCAL NEED: \_\_\_\_\_

SITE: \_\_\_\_\_

PEST/PROBLEM: \_\_\_\_\_

1. Is the State certified to issue this type of registration? \_\_\_\_\_
2. Was the EPA Application/Notification Form submitted? \_\_\_\_\_
3. Was all the required information included on the form? \_\_\_\_\_
4. Was a confidential formula submitted (for new products)? \_\_\_\_\_
5. Is this registration for a "CHANGED USE PATTERN"? \_\_\_\_\_
6. Has an FR document been prepared for this "CHANGED USE PATTERN"? \_\_\_\_\_
7. Tolerances required? \_\_\_\_\_ Established? \_\_\_\_\_ Citation: \_\_\_\_\_
8. Full labeling being used? \_\_\_\_\_ Supplemental directions? \_\_\_\_\_
9. Does label state "FOR DISTRIBUTION AND USE ONLY WITHIN (State)"? \_\_\_\_\_
10. Does full label comply with 40 CFR 162.10, as follows:
- a. Product name, brand or trademark? \_\_\_\_\_
  - b. Name and address of registrant? \_\_\_\_\_
  - c. Net contents? \_\_\_\_\_
  - d. Product registration number? \_\_\_\_\_
  - e. Producing establishment number? \_\_\_\_\_
  - f. Ingredient statement? \_\_\_\_\_
  - g. Precautionary labeling? \_\_\_\_\_
  - h. Directions for use for special local need? \_\_\_\_\_
  - i. Use classification? \_\_\_\_\_

Was proper format followed? \_\_\_\_\_

11. Is supplemental directions for use labeling satisfactory? \_\_\_\_\_

12. Was supplemental labeling compared with EPA-registered label? \_\_\_\_\_

COMMENTS: \_\_\_\_\_

1. SLN No. M7004 2. PM 13 3. Action Code \_\_\_\_\_

4. State Issue Date

0 8 1 4 0 7

5. Date received by EPA

0 8 2 3 0 7

6. Date received by PM

7. Chemical name \_\_\_\_\_

8. Chemical code 4

9. Use \_\_\_\_\_

10. Reviews requested:

	Date Sent	Due Date	Date Returned	Response Code	Response Date
HED					
EPB					
RCB					
EEB					
IB					
RD					
PM					
S					
Precaution Labeling					
Chemistry					
Efficacy					

11. Status \_\_\_\_\_

12. FINAL ACTION Response code \_\_\_\_\_

Response Date





United States Environmental Protection Agency  
Office of Pesticide Programs  
Registration Division (TS-767)  
Washington, DC 20460

Application for/Notification of State Registration  
of a Pesticide To Meet a Special Local Need  
(Pursuant to Section 24(C) of the Federal Insecticide,  
Fungicide, and Rodenticide Act, as Amended)

## For State Use Only

Registration No. Assigned

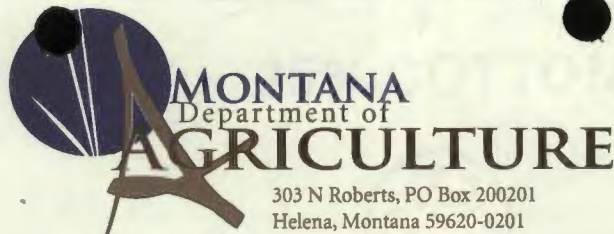
MT-070004

Date Registration Issued

8/14/07

1. Name and Address of Applicant for Registration FMC Corporation 10100 N Ambassador Dr., Suite 305 Kansas City, MO 64153 13		2. Product Is (Check one) EPA-Registered <input checked="" type="checkbox"/> New (not EPA-registered) <input type="checkbox"/> Attach EPA Form 8570-4, Certified Statement of Formula, for new products.		EPA Registration Number 279-3313
4. Product Name Brigade 2EC Insecticide/Miticide		3. Active Ingredient(s) In Product Bifenthrin		
6. Type of Registration (Give details in Item 12 or on a separate page, properly identified and attached to this form): a. To permit use of a new product. X b. To amend EPA registrations for one or more of the following purposes: X (1) To permit use on additional crops or animals. (2) To permit use at additional sites. (3) To permit use against additional pests. (4) To permit use of additional application techniques or equipment. (5) To permit use at different application rates. (6) Other (specify below)		5. If this is a food/feed use, a tolerance or other residue clearance is required. Cite appropriate regulations in 40 CFR Part 180, 21 CFR Part 193, and/or 21 CFR Part 561. 180.442 (Not a food use)		
		7. Nature of Special Local Need (Check one) a. <input type="checkbox"/> There is no pesticide product registered by EPA for such use. b. <input checked="" type="checkbox"/> There is no EPA-registered pesticide product which, under the conditions of use within the State, would be as safe and/or as efficacious for use within the terms and condition of EPA registration. c. <input type="checkbox"/> An appropriate EPA-registered pesticide product is not available.		
		8. If this registration is an amendment to an EPA-registered product, is it for a "changed use pattern" as defined in 40 CFR 162.3(k)? <input type="checkbox"/> Yes (discuss in Item 12 below) <input checked="" type="checkbox"/> No		
		9. Has an EPA Registration or Experimental Use Permit for Use of this chemical ever been: (Check applicable box(es)) <input checked="" type="checkbox"/> Sought <input checked="" type="checkbox"/> Issued <input type="checkbox"/> Denied <input type="checkbox"/> Canceled <input type="checkbox"/> Suspended Previous Permit Action: <input type="checkbox"/> Registration <input type="checkbox"/> Experimental Use Permit <input type="checkbox"/> No Previous Permit Action		
10. Has a FIFRA Section 24(C) registration for this use of the product ever, by another State been (Check applicable box(es)) <input checked="" type="checkbox"/> Sought <input checked="" type="checkbox"/> Issued <input type="checkbox"/> Denied <input type="checkbox"/> Revoked If any of the above are checked, list States in Item 12 below. <input type="checkbox"/> No FIFRA Section 24(C) Action		11. Endangered Species Act- (Give details in Item 12 or on a separate page, properly identified and attached to this form) Identify the counties where this pesticide will be used. If Statewide, indicate "all." Provide a list of Federally protected endangered/threatened species which occur in the areas of proposed use.		
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. Signature of Applicant or Authorized Representative Don Johnson <i>Don Johnson</i>		12. Comments (10) This same 24(c) already exist in Montana this is a Me-Too 24(c) SLN No. MT-900003 for an alternate brand name product. This same 24(c) exist in OR, ID, UT and being added in other states as well. (11) All Counties in Montana where Alfalfa is grown only for seed. (8) This use pattern allows the use of Brigade 2EC on Alfalfa grown for seed only.		
Title State Registration Manager				
Telephone Number (816) 801 - 5613		Date June 12, 2007		
Determination by State Agency This registration is for a Special Local Need and is being issued in accordance with section 24(c) of FIFRA as amended. To the best of our knowledge, the information above is correct, except as noted in "Comments" below or in attachments.				
Name, Title, and Address of State Agency Official Amy Bamber MT. Dept of Agriculture POB 200201 Helena, MT 59620-0201		Comments (by State Agency Only)		Received by EPA
Title Program Manager				
Telephone Number 406-444-3674		Date 8/14/07		





**Brian Schweitzer**  
Governor

**Nancy K. Peterson**  
Director

406.444.3144 • Fax: 406.444.5409 • agr@mt.gov • www.agr.mt.gov

August 14, 2007

Document Processing Desk (SLN)  
Office of Pesticide Programs - (7504C)  
US Environmental Protection Agency  
401 M Street SW  
Washington, DC 20460

RE: 24(c) registration for use of Brigade 2EC (EPA Reg. No. 279-3313) for use in alfalfa seed to control lygus bugs, weevils, aphids, and spider mites.

To Whom It May Concern:

The State of Montana has approved Brigade 2EC (SLN No. **MT-07-0004**) from FMC Corporation for use in alfalfa seed. This is a me-too registration corresponding to the registrant's previous 24(c) registration of Capture 2EC (SLN No. MT-90-0003). The registrant intends to cancel the 24(c) for Capture 2EC after the 2008 season. The registration is effective August 14, 2007.

Enclosed are 3 copies of the SLN label and the EPA Form 8570-25 (Rev. 1-94). If you have any questions or concerns regarding this registration, please contact Amy Bamber at 406-444-3676.

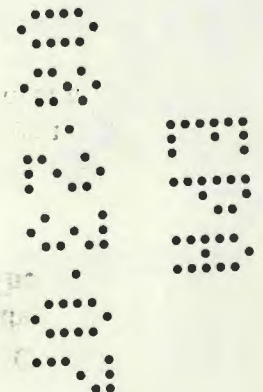
Thank you for your attention to this matter.

Sincerely,

Daniel Sullivan  
Chief, Technical Services Bureau

cc: Lynn Jones, MDA  
Don Johnson, FMC

Enclosures





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

August 24, 2007

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Montana Department of Agriculture  
PO Box 200201  
Helena, MT 59620-0201

ATTN: Amy Bamber, Manager

Dear State Agency:

The Office of Pesticide Programs acknowledges receipt of the Section 24(c) application/notification for MT070004.

The package is being forwarded to the Product Manager for review.

To ensure that the Agency receives proper notification of your 24(c) applications/notifications it is necessary to us the correct mailing address. All new 24(c) applications should be sent to the following:

Document Processing Desk (SLN)  
Office of Pesticide Programs -7504P  
U.S. Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

If you have any questions concerning the administrative screening of the package please contact the Front End Unit at (703)305-5780.

Sincerely,

A handwritten signature in black ink, appearing to read "B. H. P. Pinner".

Front End Processing Staff  
Information Services Branch  
Information Technology & Resources Management Division